Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 29 Jul 2023 until 23:59 on Sunday 30 Jul 2023

Forecast Issued on Saturday 29 Jul 2023 at 00:39

Confidence: High confidence for the continuing unsettled weather. Lower for details of rain and cloud, particularly Tuesday.

Headline for Saturday 29 Jul 2023: Overnight rain clearing, then sunny spells and scattered showers.

Mountain weather hazards on Saturday 29 Jul 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain showers	Light rain showers	Cloudy	Cloudy	Cloudy
Precipitation probability					
60%	40%	40%	20%	10%	<05%

Forecast for Saturday 29 Jul 2023

Weather: Overnight rain clearing eastwards shortly after dawn. Variable amounts of cloud with some brighter spells developing, but also scattered showers, these mainly light. Becoming mostly dry through the afternoon.

Chance of cloud-free hill tops above 600m: 30%, becoming 100% by midday.

Low cloud and visibility: Areas of cloud at first, base 400m. This lifting above the hills and breaking by the middle of the day. Visibility mostly very good away from cloud and rain. Moderate visibility in rain or showers, and very poor in low cloud covering the hills.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 29 Jul 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/27 SW	20/26 SW	19/26 SW	22/29 W	21/28 SW	22/29 SW	23/32 SW
300	15/22 SW	16/23 SW	16/23 W	16/23 W	16/24 SW	16/24 SW	17/27 SW
Valley	10/21 SW	12/22 SW	11/22 W	12/23 W	11/24 SW	9/22 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/7	11/8	12/9	13/9	13/9	11/7	10/6
300	13/10	14/11	15/12	16/13	16/12	13/10	12/9
Valley	13/12	15/13	16/14	17/15	16/14	14/12	13/11
Freezing Level*	2400m	2000m	2000m	2200m	2100m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy at higher elevations, making it feel a little chilly. High UV levels despite the cloud, so sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 29 Jul 2023	0.2mm	11.2mm	34.2mm

Forecast for Sunday 30 Jul 2023

Weather: Becoming cloudier through the early hours with some outbreaks of showery rain possible. Perhaps one or two sunny spells developing during the morning, but these very short lived with cloud thickening ahead of a band of rain arriving late afternoon. Wind strengthening during the day.

Maximum wind: Westerly or southwesterly 20-25 mph, gusting 35-40 mph.

Chance of cloud-free hill tops above 600m: 60% overnight, becoming 100% during the morning. Lowering to 20% in the late afternoon or early evening.

Low cloud and visibility: Patches of cloud base around 500m at first, lifting above the hills during the morning. Becoming widespread cloud, base around 300-400m, either late afternoon or early evening. Visibility often good away from showers and cloud for much of the day, but becoming poor or very poor in rain and low cloud covering the hills later.

Temperature: **Valleys:** Plus 10C becoming plus 18C
At 600m: Plus 10C becoming plus 13C
Freezing level: Above the summits

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